

April 30, 2007

STORMTECH, LLC
DAVID J MAILHOT
20 BEAVER RD
WETHERSFIELD CT 06190

Re: Description: STORMWATER TREATMENT DEVICE
Manufacturer: STORMTECH, LLC
Product Name: STORMTECH
Model Number(s): ISOLATOR ROW, SC-310
Product File No: 20050165

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. Comm 84.30 (6)(h) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of April 2012.

This approval supersedes the approval issued on May 10, 2006, under product file number 20050165.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050165.

This alternate approval is contingent upon compliance with the following stipulation(s):

- Prior to installation of this product, plans and specifications must be submitted to the department or to an approved agent municipality for review and approval in accordance with s. Comm 82.20 (1) of the Wis. Admin. Code. Written approval for the plans and specifications shall be obtained prior to installation of the product.
- Inspection and maintenance of this product must be performed at intervals specified by the manufacturer (S070104HP-5) or in accordance plan approval or s. Comm 82.21, whichever is more restrictive.
- When this product is installed an Isolator Row, the installation must be in accordance with the manufacturer's printed Design Manual (S070104HP-5), ch. Comm 82, plan approval under s. Comm 82.20 and product approval stipulations. When there is a conflict between manufacturer's installation instructions and plan approval or product approval stipulations, the plan approval or product approval stipulations will take precedence.
- This product must be permanently labeled identifying the manufacturer and model number (StormTech SC-310).

- This product will produce an effluent that has less than 60 mg/L TSS for infiltration and 80% reduction of TSS when the influent and maintenance meets the conditions listed in Table 1, entitled StormTech Isolator Row Chamber Model SC-310.

Table 1
StormTech Isolator Row Chamber Model SC-740

Maximum Flow in cu. ft./sec.	Suspended Solid Equivalent	Specific Gravity of Test Material	Maintenance Interval in Years
0.3 cfs	US Silica Sand OK-110	2.65	2-4

(This table is based on influent having 200 mg/L TSS.)

- This product may be installed without a water proof membrane under the following conditions:
 1. The installation is for a subsurface detention system;
 2. The soils on which that detention system is placed have a maximum soil application rate of 0.2 gallons/square foot/day based upon morphological soil evaluation as listed in Comm Table 83.44-2 under the column for BOD5 and TSS > 30mg/L; and
 3. A geotextile fabric that meets the chamber manufactures specifications is place on the bottom of the product is required.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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